

Math 1100: Calculus I  
Fall 2015

**Instructor:** Luke Cherveny

**Email:** [cherveny@bc.edu](mailto:cherveny@bc.edu)

**Course Website:** Material will be posted to Canvas

**Office:** Maloney Hall 573

**Office Hours:** Monday/Wednesday 9:15-9:45 and 12:30-1:30, Friday 9:15-9:45, by announcement Tuesday/Thursday, or by appointment

**TAs:** Ross Goluboff ([goluboff@bc.edu](mailto:goluboff@bc.edu)) and Tee Warakkagun ([sangsan.warakkagun@bc.edu](mailto:sangsan.warakkagun@bc.edu))

**TA Office Hours:** Ross (in Maloney Hall 537): Monday 3:30-4:30, Tuesday 2:30-3:30, and Wednesday 5:00-6:00; Tee (also Maloney Hall 537): Monday 4:30-5:30, Tuesday 12:30-1:30, and Wednesday 4:00-5:00.

**Textbook:** Stewart's *Single Variable Calculus: Early Transcendentals*, 8th edition, custom Boston College version.

**Topics Covered:** Roughly Chapters 1-4 of the text, with a few omissions.

**WebAssign Registration:** Visit [WebAssign Login](#) and use the code corresponding to your section. Please complete the enrollment using your name officially on file with BC.

Section 13 (8am): **bc 2830 6747**

Section 15 (10am): **bc 1191 1220**

Section 17 (11am): **bc 8316 9204**

**Grading:** Your final grade will be determined by the following scheme:

WebAssign	10%
Written Problem Sets	10%
Best Midterm	20%
Other Midterms	$15\% \times 2 = 30\%$
Final	30%

All grades will be recorded on Canvas (WebAssign total will be imported at the end of the semester). Please check it regularly to confirm the correct scores were entered. If there are any concerns about grading, please see me soon after getting the assignment back, and before the final.

**WebAssign:** There will be WebAssign sets roughly once per week. The system allows multiple submissions up until the deadline. There are no submissions after the deadline passes— it is your responsibility to complete the assignment by the deadline in all circumstances.

**Written Problem Sets:** Written problem sets will generally be due Wednesdays, with a few exceptions to fit the schedule. Problem sets turned in after lecture ends on the day it is due will be subject to 25% penalty, and late problem sets will not be accepted more than one lecture past the due date. Assignments will be posted online. The written problem set score will be dropped.

Format for written problem sets:

- Problem sets only accepted in hardcopy on 8.5 x 11-inch paper not ripped out of a notebook.
- Put your name on the front along with your discussion section.
- Multiple pages must be stapled together. No loose pages, no folded corners.
- Problems should be in order.
- To earn full credit, your work must be **complete and neat**. The standard is that another student in the class should be able to follow it easily, without filling in gaps or struggling to read.

**Midterms:** There are three in-class midterms. They are scheduled for **Friday, Sept. 25th, Friday, Oct. 23rd, and Friday, Nov. 20th**. All midterms will be closed book with no notes or calculators. In the event of a university-approved excuse, a make-up exam may be offered; if you do not have a university-approved excuse (an official letter from the dean's office or student services), you will receive a zero on the midterm. No exceptions. If a make-up exam is not feasible, the midterm's weight will be shifted to the other two midterms and the final.

**Final:** There will be a cumulative final **Monday, December 14th at 4:00pm**. You may not take the final early. You must take the final to pass.

**Calculators:** Calculators will not be permitted on any of the midterms or the final. You might at times find a scientific calculator useful on some homework problems, but google or a phone calculator would work just as well. I would not recommend buying a new calculator specifically for this class.

**Discussion Sections:** Everybody must be registered in a section of Math 1122. These discussions meet on Tuesdays for one hour and are taught by the teaching assistants (TAs). The TAs will do some summary/review (focusing on the sections covered on upcoming assignments), working standard questions as well as problems exploring the concepts. New material will not be introduced. The TAs will not solve problem set questions for you (although they will work problems quite similar to the HW). Homework and midterms will be returned to you in discussion.

**Academic Integrity:** You should be aware of the university's **policies on academic integrity**. On homework, you may (and are encouraged to) work with other students in the class. However, your write-up must be your own. On exams, cheating is much easier to catch than students realize. It will be dealt with according to university policy, so please do not try; at the minimum, you should expect a zero on the exam and referral to the dean.

**Classroom Etiquette:** *Please* arrive on time. Latecomers distract other students and interrupt lecture. The same goes for leaving in the middle of lecture, for any reason. If you *must* arrive late or leave early, sit near the door. *Please*, all cell phones, tablets, laptops should be turned off and put away during lecture!

**Students With Special Needs:** If you have a **documented need for special accommodation**, please see me early in the semester. I will do everything I can to help.

### Common Questions:

- Q: How should I address you?  
A: Luke or Professor (whichever you're comfortable with, I don't mind). Professor Chervený or Dr. Chervený are also good. Weird or wrong/disrespectful: Dr. Luke, Mr. Chervený, Professor \*your chem professor\*, sup yo.
- Q: I'm going to miss lecture. What should I do?  
A: You don't need to let me know. It is your responsibility to get notes from a fellow student and have assignments completed before the due date.
- Q: Office hours are new. What are they?  
A: Office hours are when the instructor and TAs are available to answer questions or to talk about course-related issues. It's not lecture, so you should come prepared with questions. You don't need to make an appointment. It can be quite busy at times, so if you've fallen behind it's not the best place to catch up (although it *is* a good place to talk about a plan to catch up).
- Q: What's my grade right now?  
A: I'm not sure—the final grades will be curved according to department guidelines to make sure different semesters are comparable. There is also some flexibility since sometimes grades group together or the grade distribution is irregular, or a class is particularly strong. For each midterm, I will announce approximately what scores correspond to an A, B, etc.
- Q: What do I make an A?  
A: You need to perform well on the exams, which will consist of a mix of straightforward calculation, word problems, and questions testing concepts/understanding. There will be a mixture of difficulty to the problems as well—the 'A' students will generally do well on everything.

- Q: How do I make an F?  
A: Fall behind and not make extraordinary effort to catch up. The material is cumulative, requiring regular study/practice; the ability to execute/calculate (rather than nod in agreement when your instructor/TA talks) is key. Not putting in regular effort from day one is the path toward a bad grade, even if you've taken calculus. Some signs that you're falling behind: you have no idea what's going on in lecture; the homework questions don't make sense or are taking a very long time; you think you might be falling behind. Come talk to me... ignoring it or being mad at the class won't fix being behind!
- Q: Can I do something for extra credit?  
A: There are no opportunities for extra credit.
- Q: I think I lost too many points. Can you give me some back?  
A: I'm always happy to explain mistakes, but unless there was an actual error in grading, I will always defend the grader's awarding of points. All the other papers were graded the same way.
- Q: What resources are there outside of lecture?  
A: Great question!
  - My office hours
  - Emailing me
  - The TA's office hours
  - Emailing the TAs
  - Free tutoring in ??? (provided by the math department).
  - Free tutoring at the Connors Family Learning Center in O'Neill Library (provided by the university)
  - Private tutoring/tutors for hire.
  - Finally, there is an entire industry dedicated to calculus study guides and online help. Anything you find for the AP Calculus AB exam would be appropriate.